

Amendments to the Drawings

The four sheets of drawings being submitted herewith include changes to FIGS. 3, 5, 6 and 7. These sheets replace the original sheets including FIGS. 3, 5, 6 and 7.

In FIG. 3, text “POEWER” has been changed to POWER to correct a typographical error. In FIG. 5, the text “UBS INUT” has been changed to USB INPUT to correct a typographical error. In FIG. 6, a typographical error resulting in reference number 81 has been corrected to be 71 for consistency with FIGS. 3 and 7 and the written specification. In FIG. 7, the text “MOTOR DIRVER” (block labeled with ref. no. 93) has been changed to MOTOR DRIVER to correct a typographical error. Furthermore, in FIG. 7, the text “CCD DIRVER” (block labeled with ref. no. 95) has been changed to CCD DRIVER to correct a typographical error.

The amendments to the drawings are made to correct various typographical errors in FIGS. 3, 5, 6 and 7. Since these drawings introduce no new matter, the Applicants respectfully request that the drawings be accepted as replacements for as-filed FIGS. 3, 5, 6 and 7.

Attachments: Four (4) Replacement Sheet (FIGS. 3, 5, 6 and 7)

Remarks

At the time of the Office Action claims 1-11 were pending. Claims 1-3 and 5-6 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,946,817 to Fischer et al. (hereinafter Fischer). Claims 4 and 7-11 stand rejected under 35 U.S.C. §103(a) as being obvious over Fischer in view of U.S. Patent No. 6,507,172 to Sherman (hereinafter Sherman). In addition, the drawings were objected to because reference number 81 in FIG. 6 should be reference number 71.

In the instant amendment claims 1 and 5 are amended and new claims 12-20 are introduced. Furthermore, four sheets of replacement drawings are submitted to correct various typographical errors and overcome the objection to the drawings. Moreover, amendments to the pages 5 and 7 of the specification are made to correct various typographical and grammatical errors. The Applicants submit that the amendments to the claims, drawings and specification are being made for reasons of clarity and introduce no new matter. Additionally, the newly-submitted claims are fully supported by the as-filed specification (see, for example, FIGS. 3-7) and introduce no new matter.

With regard to claim 1, the claimed apparatus recites a “control portion to generate charge control signals corresponding to a battery selected according to a battery selection signal that is externally input.” Thus, the particular charge control signals generated by the control portion correspond to the identified by the battery selection signal. In this way, the device of the present invention is capable of charging different batteries used with the portable electronic device.

The Office Action states that the apparatus of Fischer includes “a control portion (i.e. processing device 20) to generate charge control signals (i.e. soft-disconnect signal 212 and charge configuration signals 214) corresponding to a battery selected according to a battery selection signal that is externally input (see col. 6, lines 13-20).” However, when col. 6, lines 13-20 of Fischer are reviewed, it is apparent that Fischer does not disclose, teach or suggest the claimed feature identified above where the charge control signals correspond to a battery selected according to a battery selection signal. It appears that Fischer does not use a battery selection signal, but instead merely supplies one charging voltage: “The voltage regulator 412 is preferably a low drop-out (LDO) regulator configured to supply a substantially constant voltage, such as about 3.3 Volts.” Thus, the Fischer system does not utilize a battery selection signal and can be used to charge only one type of battery. For at least this reason

Applicants submit that claim 1 distinguishes over the cited art of record and is allowable. Furthermore, claims 2-7 that depend from claim 1 are allowable as well at least for the foregoing reasons.

With regard to claim 8, the Office Action states that Fischer discloses a digital camera. The Applicants respectfully disagree and point out that Fischer discloses a mobile device 10. As disclosed on column 3, lines 9-11 of Fischer, "The mobile device 10 is preferably a two-way communication device having voice and data communication capabilities." To this end, Fischer is analogous to the prior art shown in FIGS. 1 and 2 of the present application. Nowhere does Fischer disclose, teach, suggest or contemplate that the device 10 could be a digital camera. Furthermore, Sherman, which is cited in combination with Fischer, cannot cure Fischer in this regard since Sherman only discloses that charger 20 "is used in a battery powered portable device" (col. 1, lines 61-62). Sherman does not disclose, teach, suggest or contemplate that the battery powered portable device could be a digital camera. In view of the foregoing, the Applicants traverse the rejection of claim 8 and respectfully request that the Examiner produce a reference that explicitly demonstrates a digital camera comprising a USB charger. Accordingly, the Applicants submit that claim 8 is allowable. Furthermore claims 9-11 that depend from claim 8 are allowable as well at least for the foregoing reasons.

Entry and examination of newly submitted claims 12-20 is respectfully requested. Claim 12 is directed to an apparatus for transferring power from a USB port to a portable electronic device with a power and data port, a battery and a device controller. As claimed, the apparatus comprises:

- a first connector configured to mate with the USB port;
- a second connector configured to mate with the power and data port;
- a cable that interconnects the first and second connectors; and
- a USB battery charger configured in the second connector, the USB battery charger including a charging portion that communicates with the device controller for receiving at least one signal relative to the battery, the charging portion adjusting power received from the USB port relative to the at least one signal for charging the battery.

As discussed above with respect to claim 1, claim 12 distinguishes over Fischer at least with respect to the claim feature that the charging portion receives a signal relative to the battery and adjusts charging power relative to that signal. Accordingly, the Applicants submit that claim 12 distinguishes over the cited art of record and is allowable. Furthermore,

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claims 13-20 that depend from claim 12 are allowable as well at least for the foregoing reasons.

The application is considered in good and proper form for allowance, and the Examiner is respectfully requested to pass this application to issue. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned.

Respectfully submitted,



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Date: July 16, 2007

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CERTIFICATE OF MAILING

I hereby certify that this RESPONSE TO OFFICE ACTION OF APRIL 16, 2007 (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: July 16, 2007

A handwritten signature in cursive script, appearing to read "I. Mikitiouk", written over a horizontal line.

Irina L. Mikitiouk

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